

Recombinant PPM1A Monoclonal Antibody

catalog number: AN301633L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

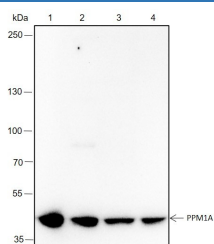
Reactivity	Human;Mouse
Immunogen	Recombinant human PPM1A fragment
Host	Rabbit
Isotype	IgG, κ
Clone	C221256
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:500-1:1000
IHC	1:50-1:100

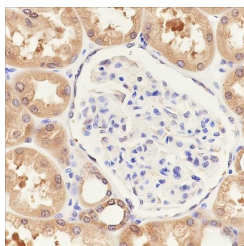
Data



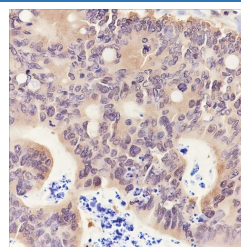
Western Blot with PPM1A Monoclonal Antibody at dilution of 1:1000. Lane 1: Jurkat, Lane 2: K562, Lane 3: HeLa, Lane 4: Mouse kidney

Observed-MW:42 kDa

Calculated-MW:42 kDa



Immunohistochemistry of paraffin-embedded Human kidney using PPM1A Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Human colon cancer using PPM1A Monoclonal Antibody at dilution of 1:100.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

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Rev. V1.1

Enzyme with a broad specificity. Negatively regulates TGF-beta signaling through dephosphorylating SMAD2 and SMAD3, resulting in their dissociation from SMAD4, nuclear export of the SMADs and termination of the TGF-beta-mediated signaling. Dephosphorylates PRKAA1 and PRKAA2. Plays an important role in the termination of TNF-alpha-mediated NF-kappa-B activation through dephosphorylating and inactivating IKBKB/IKKB.